



YEAR 3 MATHS SKILLS MAP TRACKING

NAME..... CLASS..... ACADEMIC YEAR

PLACE VALUE	√	√	ADDITION & SUBTRACTION	√	√	LENGTH & PERIMETER	√	√
Represent numbers to 100			Apply number bonds within 10			Measure in metres and centimetres		
Partition numbers to 100			Add and subtract 1s, 10s, 100s			Measure in millimetres		
Number line to 100			Add 1s across a 10			Measure in centimetres and millimetres		
Represent numbers to 1,000			Add 10s across a 100			Metres, centimetres and millimetres		
Partition numbers to 1,000			Subtract 1s across a 10			Equivalent lengths (m and cm)		
Find 1, 10, 100 more/less			Subtract 1s across a 100			Equivalent lengths (cm and mm)		
Number line to 1,000			Add two numbers (no exchange)			Compare lengths		
Compare numbers to 1,000			Subtract two numbers (no exchange)			Add lengths		
Order numbers to 1,000			Add two numbers (across a 10, 100)			Subtract lengths		
Count in 50s			Subtract two numbers (across a 10, 100)			Measure perimeter		
FRACTIONS	√	√	Add 2-digit and 2-digit numbers			Calculate perimeter		
Understand denominators of unit fractions			Subtract 2-digit numbers from 3-digit numbers			MASS & CAPACITY	√	√
Compare and order unit fractions			Complements to 100			Use scales		
Understand numerators of non-unit fractions			Estimate answers			Measure mass in grams		
Understand the whole			Inverse operations			Measure mass in kilograms and grams		
Compare and order non-unit fractions			MULTIPLICATION & DIVISION	√	√	Equivalent masses (kg and g)		
Fractions and scales			Multiplication – equal groups			Compare mass		

Fractions on a number line			Multiples of 2			Add mass		
Count in fractions on a number line			Multiples of 5 and 10			Subtract mass		
Equivalent fractions on a number line			Sharing and grouping			Measure capacity and volume (ml)		
Equivalent fractions as bar models			Multiply by 3			Measure capacity and volume (l and ml)		
Count in tenths			Divide by 3			Equivalent/ compare capacities and volumes (l and ml)		
Tenths as decimals			Multiply by 4			Add and subtract capacity and volume		
Fractions of a set of objects			Divide by 4			MONEY	√	√
Equivalent fractions			Multiply by 8			Count money (pence, pounds)		
Compare and order fractions			Divide by 8			Understand pounds and pence		
Add fractions			The 2, 4 and 8 times tables			Convert pounds and pence		
Subtract fractions			Multiply 2-digit number by 1-digit number			Add money		
TIME	√	√	Divide 2-digit number by 1-digit number			Subtract money		
Months and years			Divide 2-digit by 1-digit number: remainders			Give change		
Hours in a day			Scaling			SHAPE	√	√
Telling time to 5-minutes			STATISTICS	√	√	Right angles in shapes		
Telling time to 1-minute			Make tally charts			Compare angles		
Using am and pm			Draw and interpret pictograms			Horizontal and vertical		
24-hour clock			Interpret bar charts			Parallel and perpendicular		
Finding and comparing durations			Draw bar charts			Recognise and describe 2-D shapes		
Measuring time in seconds			Interpret tables			Recognise and describe 3-D shapes		

Tick in orange column means that the concept has been taught.

Tick in green column means that the concept has been secured.